

APPLICANT'S ART CITATION (Use several sheets if necessary)	Application Not Yet Known	OFGS File No. P/1071-1397
	Applicant Tatsuo HARATANI et al.	
	Filing Date Herewith	Group Art Unit --

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Name	Class	Sub-class	Filing Date If Appropriate
<i>MS</i>	4	5	8	4	0	7	4	4/1986	Sterling et al.	204	181.1	
<i>WJ</i>	3	5	3	9	8	8	6	11/1970	Kellerman	361	303	

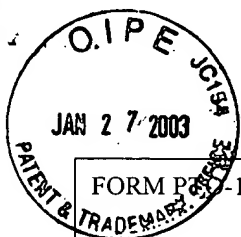
FOREIGN PATENT DOCUMENTS

	Document Number							Date	Country	Class	Sub-class	Translation	
												Yes	No
MS	2	1	2	3	0	3	5	1/1984	Great Britain	—	—	n/a	
MS	8	-	5	8	2	5	9	1996	Japan	—	—		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner <i>MS</i>	Date Considered <i>3/12/03</i>
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FORM P-1449 (MODIFIED)				ATTY. DOCKET NO. 36856.810		SERIAL NO.: 09/875,659	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT (USE SEVERAL SHEETS IF NECESSARY)				APPLICANT(S): Tatsuo HARATANI et al.			
Sheet	1	of	1	FILING DATE: June 6, 2001		GROUP: 2831 3729	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Filing Date Subclass if appropriate		
97	AG 9-190947 (w/ English Abstract)	7/1997	Japan	—			
97	AH 7-142904 (w/ English Abstract)	6/1995	Japan	—			
97	AI 7-297074 (w/ English Abstract)	11/1995	Japan	—			
	AJ						
	AK						
	AL						
	AM						
	AN						
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OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
97	AP KATO, M., et al.; "APPLICATION OF LOW TEMPERATURE FIRED MULTILAYERED SUBSTRATES TO HIGH FREQUENCY"; ISHM 1992 Proceedings; pp. 263-268.						
97	AR DONAHUE, P., et al.; "HIGH RELIABILITY COOPER MCM SYSTEMS"; ISHM 1992 Proceedings; pp. 607-612.						
97	AS MAKIHARA, Chihiro, et al.; "MULTIFUNCTIONAL CERAMIC SUBSTRATES AND PACKAGES FOR TELECOMMUNICATION APPLICATIONS"; ISHM 1994 Proceedings; pp. 243-247.						
	AT						
EXAMINER				DATE CONSIDERED			
Alan Boulton				3/12/03			
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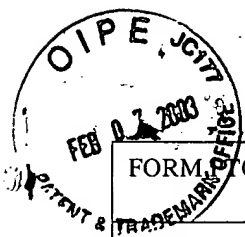


FORM PTO-1449 (MODIFIED)	ATTY. DOCKET NO. 36856.810	SERIAL NO. : 09/875,659
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Reference Designation

U.S. Patents

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	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
FOREIGN PATENT DOCUMENTS					
	Document Number	Date	Country	Class	Filing Date Subclass if appropriate
	AG				
	AH				
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	AM				
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OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)					
	AP M. O'NEILL; "A Low Temperature Co-Fire Ceramic Materials System for High Performance Commercial Applications"; ISPS '97 Proceedings, December 2-5, 1997; pp.135-140.				
	AR				
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EXAMINER	DATE CONSIDERED			3/12/02	
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Reference Designation

U.S. Patents

Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate
<i>MS</i>	AA 3,539,886	11/1970	Kellerman	—	
<i>MS</i>	AB 4,584,074	04/1986	Sterling et al.	—	
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<i>MS</i>	AH 8-58259	03/1996	Japan	—	
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	AJ				
	AK				
	AL				
	AM				
	AN				
	A0				
OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)					
<i>MS</i>	AP Patent Abstracts of Japan, vol.1997, No.11, Nov.28, 1997.				
<i>MS</i>	AR Patent Abstracts of Japan & JP 09 190947 A (Murata Mfg Co Ltd), Jul. 22, 1997.				
	AS				
	AT				
EXAMINER	<i>MS</i>			DATE CONSIDERED <i>3/14/04</i>	
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